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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Page 1 of 1

Complete if Known

Application Number 09/423,100
Filing Date December 11, 2000
First Named Inventor Gan, Zhong-Ru
Art Unit 1647
Examiner Name Nichols, Christopher J.
Attorney Docket Number 020167-000120US

U.S. PATENT DOCUMENTS

| Examiner | Cite No. | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|----------|----------|-----------------|-----------------------------|---|---|
| SP | AA | US-5,422,110 | 06/06/1995 | Potter et al. | |
| SP | AD | US-5,422,110 | | Gan | |

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| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ² |
|--------------------|-----------------------|---------------------------|---------------------|-----------------------------------|-----------------------------|---|---|----------------|
| | | Country Code ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
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| SP | AE | CA | 1,341,211 | | 03/27/2001 | Hoechst Aktiengesellschaft | | |

NON PATENT LITERATURE DOCUMENTS

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|--------------------|----------|---|----------------|
| SP | AF | BIOLOGICAL ABSTRACTS Accession number: 100402307008. Samuelsson et al., 1994, "Enhanced in vitro refolding of insulin-like growth factor I using a solubilizing fusion partner," <i>Biochemistry</i> 33(14):4207-4211 (abstract) | |
| SP | AG | BIOLOGICAL ABSTRACTS Accession number: PREV100700705120. Klappa et al., 1997, "Interactions between protein disulphide isomerase and peptides," <i>European Journal of Biochemistry</i> 248(1):37-42 (abstract) | |

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|--------------------|-----------------|
| Examiner Signature | Date Considered |
| <i>[Signature]</i> | 9/11/2003 |

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 3

Complete if Known

| | |
|------------------------|---------------------|
| Application Number | 09/423,100 |
| Filing Date | December 11, 2000 |
| First Named Inventor | Gan, Zhong-Ru |
| Art Unit | 1647 |
| Examiner Name | Seeed, Christine J. |
| Attorney Docket Number | 020167-000120US |

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|---------------------|-----------------------|---|----------------|
| SW | AG | U. Shinde and M. Inouye, "Intramolecular chaperones and protein folding," <i>TIBS</i> , (1993), Vol. 18, pp. 442-446. | |
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| SW | AI | M. Ikehara, et al., "Synthesis of a gene for human growth hormone and its expression in <i>Escherichia coli</i> ," <i>Proc. Natl. Acad. Sci. USA</i> , (Oct. 1984), Vol. 81, pp. 5956-5960. | |
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| SW | AL | I. Johnson, "Human Insulin from Recombinant DNA Technology," <i>Science</i> , (Feb. 11, 1983), Vol. 219, pp. 632-637. | |
| SW | AM | D. Williams, et al., "Cytoplasmic Inclusion Bodies in <i>Escherichia coli</i> Producing Biosynthetic Human Insulin Proteins," <i>Science</i> , (Feb. 5, 1982), Vol. 215, pp. 687-689. | |
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| SW | AO | R.E. Chance, et al., "The Production of Human Insulin Using Recombinant DNA Technology and a New Chain Combination Procedure," in <i>Peptides: Synthesis-Structure-Function</i> , Pierce Chem. Co., Rockford, IL, (1981), pp. 721-728. | |
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| SW | AQ | R.E. Chance, et al., "Chemical, Physical, and Biological Properties of Recombinant Human Insulin," in J. L. Gueriguian <i>Insulins, Growth Hormone, and Recombinant DNA Technology</i> , Raven Press, NY, (1981), pp. 71-85. | |
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| Examiner Signature | | Date Considered | 2/3/2003 |
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Sheet 3 of 3

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First Named Inventor Gan, Zhong-Ru
Art Unit 1647
Examiner Name Seoud, Christine J.
Attorney Docket Number 020167-000120US

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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|---------------------|------------|---|----------------|
| JS | AT | J. P. Burnett, "Commercial Production of Recombinant DNA-Derived Products," in <i>Experimental Manipulation of Gene Expression</i> , Academic Press, NY, (1983), pp. 259-277. | |
| JS | AU | J. Etienne-Decent, "Regulation of Protein Synthesis," in <i>Genetic Biochemistry: From Gene to Protein</i> , Ellis Horwood Limited, Chichester, U.K., (1988), pp. 125-127. | |
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| JS | AW | B. H. Frank and R. E. Chance, "Two Routes for Producing Human Insulin Utilizing Recombinant DNA Technology," <i>Munch. Med. Wschr.</i> , (1983), Vol. 125, Suppl. 1, pp. S14-S20. | |
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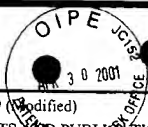
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| FORM PTO-1449 (Modified) | | | Attorney Docket No.: 20167-000120US | | Application No.: 09/423,100 | |
| LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | | Applicant: Dr. Zhong-Ru Gan | | | |
| | | | Filing Date: October 29, 1999 | | Group: 1798 1647 | |
| Reference Designation | | | U.S. PATENT DOCUMENTS | | | Page 1 |
| Examiner Initial | Document No. | Date | Name | Class | Sub-class | Filing Date (if Appropriate) |
| QAA | 6,001,604 | 12/14/99 | Hartman et al. | | | |
| QAB | 4,916,212 | 04/10/90 | Markussen et al. | | | |
| QAC | 4,342,832 | 08/03/82 | Goeddel et al. | | | |
| QAD | 5,254,463 | 10/19/93 | de Boer et al. | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | |
| | Document No. | Date | Country | Class | Sub-class | Translation (Yes/No) |
| QAE | WO 96/20724 | 07/11/96 | PCT | | | |
| QAF | WO 97/18233 | 05/22/97 | PCT | | | |
| OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | |
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